

**REMARKS**

This Amendment supplements Applicants' Amendment After Final Rejection submitted August 20, 2007, addressing the issues outstanding from the final Office Action dated April 20, 2007. Entry of Applicants' Amendment After Final Rejection submitted August 20, 2007, and entry of this Amendment, are respectfully requested.

Applicants respectfully request favorable reconsideration of this application, as amended.

By this Amendment, Claims 48, 55 and 71 have been amended to more particularly recite subject matter Applicants' regard as their invention, as discussed in detail below. Claims 1-47 were previously cancelled without prejudice or disclaimer. Thus, Claims 48-72 are pending.

In the Office Action, Claims 48-72 were rejected under 35 U.S.C. § 102(e) over Killian and Lin.

Without acceding to the rejections, Claims 48, 55 and 71 have been amended to further recite, *inter alia*, that the environment emulator debug mode and the verification mode are capable of being performed in parallel with the generation of a production file for the ASIC. Support is provided, for example, at paragraph [0038] of Applicants' published application Pub. No. 2004/0158788. It is apparent that Killian and Lin do not teach or suggest at least the above-discussed features of Claims 48, 55 and 71.

For example, Killian teaches a serially-performed processor generation system and method. *See* Killian, col. 7, lines 9-43; col. 33, lines 23-59. Lin, for its part, teaches switching among various modes. *See* Lin, col. 8, lines 14-20. However, neither Killian nor Lin appear to teach or suggest that an environment emulator debug

mode and a verification mode are capable of being performed in parallel with the generation of a production file for the ASIC, as recited in Claims 48, 55 and 71.

Therefore, Applicants respectfully submit that Claims 48, 55 and 71 distinguish patentably from the applied references for at least this reason.

The remaining claims are also believed to be patentable at least due to their dependence from Claims 48, 55 and 71 as well as for the additional features recited in the remaining claims.

In view of the foregoing, Applicants respectfully submit that this application is in condition for allowance. A prompt Notice of Allowance is respectfully requested.

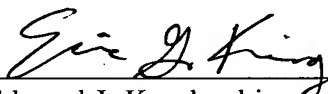
Should the Examiner believe that any further action is necessary to place this application in better form for allowance, the Examiner is invited to contact Applicants' representative at the telephone number listed below.

The Commissioner is hereby authorized to charge to Deposit Account No. 50-1165 (T2147-908627) any fees under 37 C.F.R. §§ 1.16 and 1.17 that may be required by this paper and to credit any overpayment to that Account. If any extension of time is required in connection with the filing of this paper and has not been separately requested, such extension is hereby requested.

Respectfully submitted,

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September 20, 2007

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